

**Set Name Query**  
side by side**Hit Count Set Name**  
result set*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L9</u>	wood and (borax or sodium tetraborate) [ti]	100	<u>L9</u>
<u>L8</u>	wood and (borax or sodium tetraborate)	1974	<u>L8</u>
<u>L7</u>	sodium near salt near lignosulfonic acid and wood and (borax or sodium tetraborate)	1	<u>L7</u>
<u>L6</u>	sodium near salt near lignosulfonic acid and wood and borax	1	<u>L6</u>
<u>L5</u>	sodium near salt near lignosulfonic acid and wood [clm]	2	<u>L5</u>
<u>L4</u>	sodium near salt near lignosulfonic acid and wood [ab]	2	<u>L4</u>
<u>L3</u>	sodium near salt near lignosulfonic acid and wood [ti]	1	<u>L3</u>
<u>L2</u>	sodium near salt near lignosulfonic acid and wood	234	<u>L2</u>
<u>L1</u>	sodium near salt near lignosulfonic acid	274	<u>L1</u>

END OF SEARCH HISTORY

DATE: Friday, August 08, 2003   [Printable Copy](#)   [Create Case](#)

Set Name Query  
side by side

Hit Count Set Name  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L4</u>	(treat\$5 or impregnat\$5 or spray\$5) near wood\$5 and furfuryl alcohol and (borax or sodium \$5borate)and maleic anhydride	1	<u>L4</u>
<u>L3</u>	(treat\$5 or impregnat\$5 or spray\$5) near wood\$5 and furfuryl alcohol and (borax or sodium \$5borate)	3	<u>L3</u>
<u>L2</u>	(treat\$5 or impregnat\$5 or spray\$5) near wood\$5 and furfuryl alcohol	54	<u>L2</u>
<u>L1</u>	(treat\$5 or impregnat\$5 or spray\$5) near wood\$5	8209	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)

5, 6, 16, 21, 24

**Search Results - Record(s) 1 through 50 of 54 returned.**☐ 1. Document ID: US 20030129319 A1

L2: Entry 1 of 54

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030129319  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030129319 A1

TITLE: Method of preventing re-swelling of a compressed wooden blank

PUBLICATION-DATE: July 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Johansson, Ingvar	Horn		SE	

US-CL-CURRENT: 427/440; 106/18, 106/252, 106/253, 106/263

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 20030068441 A1

L2: Entry 2 of 54

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030068441  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030068441 A1

TITLE: Methods of incorporating phosphate/borate fire retardant formulations into wood based composite products

PUBLICATION-DATE: April 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Archer, Kevin J.	Charlotte	NC	US	
Roos, Kenneth D.	Nicollet	MN	US	

US-CL-CURRENT: 427/393; 427/397

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 20020192400 A1

L2: Entry 3 of 54

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020192400  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020192400 A1

TITLE: Furan polymer impregnated wood

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schneider, Marc H.	Fredericton		CA	

US-CL-CURRENT: 428/15; 264/236

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMOC

☐ 4. Document ID: US 20010007762 A1

L2: Entry 4 of 54

File: PGPB

Jul 12, 2001

PGPUB-DOCUMENT-NUMBER: 20010007762  
PGPUB-FILING-TYPE: new-utility  
DOCUMENT-IDENTIFIER: US 20010007762 A1

TITLE: Process for macromolecularizing phenolic compounds etc. and use thereof

PUBLICATION-DATE: July 12, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Echigo, Takashi	Chiba		JP	
Ohno, Ritsuko	Tokyo		JP	

US-CL-CURRENT: 435/128; 435/125, 435/156

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMOC

☐ 5. Document ID: US 20010001974 A1

L2: Entry 5 of 54

File: PGPB

May 31, 2001

PGPUB-DOCUMENT-NUMBER: 20010001974  
PGPUB-FILING-TYPE: new-utility  
DOCUMENT-IDENTIFIER: US 20010001974 A1

TITLE: Synthetic wood

PUBLICATION-DATE: May 31, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Balaba, Willy M.	Monroeville	PA	US	
Bryan, Thomas J. III	Coraopolis	PA	US	

US-CL-CURRENT: 156/161; 156/166, 264/228, 428/107

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 6. Document ID: US 6569540 B1

L2: Entry 6 of 54

File: USPT

May 27, 2003

US-PAT-NO: 6569540

DOCUMENT-IDENTIFIER: US 6569540 B1

TITLE: Dimensionally stable wood composites and methods for making them

DATE-ISSUED: May 27, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Preston; Alan F.	Charlotte	NC		
Fowlie; David A.	Concord	NC		
Archer; Kevin J.	Charlotte	NC		

US-CL-CURRENT: 428/537.1; 524/13, 524/14, 524/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 7. Document ID: US 6537546 B2

L2: Entry 7 of 54

File: USPT

Mar 25, 2003

US-PAT-NO: 6537546

DOCUMENT-IDENTIFIER: US 6537546 B2

TITLE: Process for macromolecularizing phenolic compounds etc. and use thereof

DATE-ISSUED: March 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Echigo; Takashi	Chiba			JP
Ohno; Ritsuko	Tokyo			JP

US-CL-CURRENT: 424/94.4; 435/128, 435/189, 435/254.1, 435/911

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 8. Document ID: US 6451153 B1

L2: Entry 8 of 54

File: USPT

Sep 17, 2002

US-PAT-NO: 6451153

DOCUMENT-IDENTIFIER: US 6451153 B1

TITLE: Method of preparing a lignocellulosic material for the manufacture of a finished product

DATE-ISSUED: September 17, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Symons; Michael Windsor	Monument Park			ZA

US-CL-CURRENT: 156/276; 156/281, 156/316, 427/214, 427/325, 427/399, 428/326, 428/420

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 9. Document ID: US 6306241 B1

L2: Entry 9 of 54

File: USPT

Oct 23, 2001

US-PAT-NO: 6306241

DOCUMENT-IDENTIFIER: US 6306241 B1

TITLE: Wax sizing and resin bonding of a lignocellulosic composite

DATE-ISSUED: October 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chiu; Shui-Tung	Coquitlam, B.C.			CA

US-CL-CURRENT: 156/296; 156/335, 156/62.2, 264/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 10. Document ID: US 6228199 B1

L2: Entry 10 of 54

File: USPT

May 8, 2001

US-PAT-NO: 6228199

DOCUMENT-IDENTIFIER: US 6228199 B1

TITLE: Synthetic wood

DATE-ISSUED: May 8, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Balaba; Willy M.	Monroeville	PA		
Bryan, III; Thomas J.	Coraopolis	PA		

US-CL-CURRENT: 156/161; 156/166, 156/305, 156/307.1, 156/73.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KAMC

☐ 11. Document ID: US 6190891 B1

L2: Entry 11 of 54

File: USPT

Feb 20, 2001

US-PAT-NO: 6190891

DOCUMENT-IDENTIFIER: US 6190891 B1

TITLE: Process for producing high-molecular-weight phenolic compounds with myrothecium

DATE-ISSUED: February 20, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Echigo; Takashi	Chiba			JP
Ohno; Ritsuko	Tokyo			JP

US-CL-CURRENT: 435/128; 435/254.1, 435/911

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KAMC

☐ 12. Document ID: US 6187234 B1

L2: Entry 12 of 54

File: USPT

Feb 13, 2001

US-PAT-NO: 6187234

DOCUMENT-IDENTIFIER: US 6187234 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Method for steam pressing composite board having at least one finished surface

DATE-ISSUED: February 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bonomo; Brian	Chicago	IL		
Walsh; Pete	St. Charles	IL		
Seifert; Kelly	Sugar Grove	IL		
Vergara; Alex	St. Charles	IL		
Merrell; Michelle	Naperville	IL		

US-CL-CURRENT: 264/83; 264/102, 264/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KAMC

☐ 13. Document ID: US 6124028 A

L2: Entry 13 of 54

File: USPT

Sep 26, 2000

US-PAT-NO: 6124028

DOCUMENT-IDENTIFIER: US 6124028 A

TITLE: Carbonized wood and materials formed therefrom

DATE-ISSUED: September 26, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nagle; Dennis C.	Ellicott City	MD	21042	
Byrne; Christopher E.	Owings Mills	MD	21117	

US-CL-CURRENT: 428/308.8; 428/17, 428/312.2, 428/312.4, 428/312.6, 428/319.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 14. Document ID: US 6113729 A

L2: Entry 14 of 54

File: USPT

Sep 5, 2000

US-PAT-NO: 6113729

DOCUMENT-IDENTIFIER: US 6113729 A

TITLE: Wax sizing and resin bonding of a lignocellulosic composite

DATE-ISSUED: September 5, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chiu; Shui-Tung	Coquitlam			CA

US-CL-CURRENT: 156/296; 156/283, 156/335, 156/62.2, 264/109, 264/122

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 15. Document ID: US 6051096 A

L2: Entry 15 of 54

File: USPT

Apr 18, 2000

US-PAT-NO: 6051096

DOCUMENT-IDENTIFIER: US 6051096 A

TITLE: Carbonized wood and materials formed therefrom

DATE-ISSUED: April 18, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nagle; Dennis C.	Ellicott City	MD	21042	
Byrne; Christopher E.	Owings Mills	MD	21117	

US-CL-CURRENT: 156/311; 190/115, 190/122, 190/18A



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 16. Document ID: US 5980798 A

L2: Entry 16 of 54

File: USPT

Nov 9, 1999

US-PAT-NO: 5980798

DOCUMENT-IDENTIFIER: US 5980798 A

TITLE: Method for steam pressing composite board having at least one finished surface

DATE-ISSUED: November 9, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bonomo; Brian	Chicago	IL		
Walsh; Pete	St. Charles	IL		
Seifert; Kelly	Sugar Grove	IL		
Vergara; Alex	St. Charles	IL		
Merrell; Michelle	Naperville	IL		

US-CL-CURRENT: 264/109; 264/102, 264/83

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 17. Document ID: US 5874456 A

L2: Entry 17 of 54

File: USPT

Feb 23, 1999

US-PAT-NO: 5874456

DOCUMENT-IDENTIFIER: US 5874456 A

TITLE: Fungicidal compositions

DATE-ISSUED: February 23, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McDade; Mark Daniel	Boulder	CO		

US-CL-CURRENT: 514/383

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 18. Document ID: US 5565136 A

L2: Entry 18 of 54

File: USPT

Oct 15, 1996

US-PAT-NO: 5565136

DOCUMENT-IDENTIFIER: US 5565136 A

TITLE: Water based wood stripping compositions

DATE-ISSUED: October 15, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Walsh; William C.	Archbold	OH		

US-CL-CURRENT: 510/203; 510/206, 510/212, 510/418

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KNAC
Draw Desc	Image									

☐ 19. Document ID: US 5520777 A

L2: Entry 19 of 54

File: USPT

May 28, 1996

US-PAT-NO: 5520777

DOCUMENT-IDENTIFIER: US 5520777 A

TITLE: Method of manufacturing fiberboard and fiberboard produced thereby

DATE-ISSUED: May 28, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shisko; Walter S.	Corbeil			CA

US-CL-CURRENT: 162/13; 156/307.3, 162/164.7, 162/224, 162/225, 162/76, 162/9, 264/128, 428/326

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KNAC
Draw Desc	Image									

☐ 20. Document ID: US 5435954 A

L2: Entry 20 of 54

File: USPT

Jul 25, 1995

US-PAT-NO: 5435954

DOCUMENT-IDENTIFIER: US 5435954 A

TITLE: Method for forming articles of reinforced composite material

DATE-ISSUED: July 25, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wold; Ted H.	Winnfield	LA		

US-CL-CURRENT: 264/115; 264/113, 264/119, 264/122, 264/126, 428/903.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KNAC
Draw Desc	Image									

☐ 21. Document ID: US 4883719 A

L2: Entry 21 of 54

File: USPT

Nov 28, 1989

US-PAT-NO: 4883719

DOCUMENT-IDENTIFIER: US 4883719 A

TITLE: Method of surface impregnation of wood articles and wood articles made therewith

DATE-ISSUED: November 28, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brebner, Keith I.	Guelph			CA

US-CL-CURRENT: 428/541; 427/297, 427/440

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RMC

☐ 22. Document ID: US 4840638 A

L2: Entry 22 of 54

File: USPT

Jun 20, 1989

US-PAT-NO: 4840638

DOCUMENT-IDENTIFIER: US 4840638 A

\*\* See image for Certificate of Correction \*\*

TITLE: Synthetic ebony and method of producing the same (II)

DATE-ISSUED: June 20, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rolffs, Philip C.	Portage	MI	49081	

US-CL-CURRENT: 8/408; 8/506

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RMC

☐ 23. Document ID: US 4840637 A

L2: Entry 23 of 54

File: USPT

Jun 20, 1989

US-PAT-NO: 4840637

DOCUMENT-IDENTIFIER: US 4840637 A

\*\* See image for Certificate of Correction \*\*

TITLE: Synthetic ebony and method of producing the same (I)

DATE-ISSUED: June 20, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rolffs; Philip C.	Portage	MI	49081	

US-CL-CURRENT: 8/402; 8/506

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KAMC

☐ 24. Document ID: US 4678715 A

L2: Entry 24 of 54

File: USPT

Jul 7, 1987

US-PAT-NO: 4678715

DOCUMENT-IDENTIFIER: US 4678715 A

TITLE: Process for improving wood and use of the improved wood

DATE-ISSUED: July 7, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Giebeler; Eberhard	Mulheim			DE
Wilhelm; Gerhard	Ladenburg			DE

US-CL-CURRENT: 428/537.1; 427/297, 427/317, 427/325, 427/393, 427/440, 428/541,  
984/102, 984/DIG.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KAMC

☐ 25. Document ID: US 4556109 A

L2: Entry 25 of 54

File: USPT

Dec 3, 1985

US-PAT-NO: 4556109

DOCUMENT-IDENTIFIER: US 4556109 A

TITLE: Process for cementing geothermal wells

DATE-ISSUED: December 3, 1985

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eilers; Louis H.	Inola	OK		

US-CL-CURRENT: 166/295; 106/717, 106/719, 524/4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KAMC

☐ 26. Document ID: US 4533436 A

L2: Entry 26 of 54

File: USPT

Aug 6, 1985

US-PAT-NO: 4533436

DOCUMENT-IDENTIFIER: US 4533436 A

TITLE: Apparatus for blow line addition of thermosettable binder in fiberboard manufacture including a cooling nozzle

DATE-ISSUED: August 6, 1985

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Betzner; William E.	St. Petersburg	FL		
Holtman; Richard K.	Largo	FL		

US-CL-CURRENT: 162/261; 118/303, 162/10, 162/23, 241/15, 241/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 27. Document ID: US 4407771 A

L2: Entry 27 of 54

File: USPT

Oct 4, 1983

US-PAT-NO: 4407771

DOCUMENT-IDENTIFIER: US 4407771 A

TITLE: Blow line addition of isocyanate binder in fiberboard manufacture

DATE-ISSUED: October 4, 1983

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Betzner; William E.	St. Petersburg	FL		
Holtman; Richard K.	Largo	FL		
Hill; Allen R.	Laurel	MS		

US-CL-CURRENT: 264/115; 264/128

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 28. Document ID: US 4402896 A

L2: Entry 28 of 54

File: USPT

Sep 6, 1983

US-PAT-NO: 4402896

DOCUMENT-IDENTIFIER: US 4402896 A

TITLE: Blow line addition of thermosettable binder in fiberboard manufacture utilizing cooled nozzle

DATE-ISSUED: September 6, 1983

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Betzner; William E.	St. Petersburg	FL		
Holtman; Richard K.	Largo	FL		

US-CL-CURRENT: 264/115; 264/128

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 29. Document ID: US 4377040 A

L2: Entry 29 of 54

File: USPT

Mar 22, 1983

US-PAT-NO: 4377040

DOCUMENT-IDENTIFIER: US 4377040 A

TITLE: Process for the modification of wood

DATE-ISSUED: March 22, 1983

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Giebel; Eberhard	Duisburg			DE
Bluhm; Bernhard	Duisburg			DE
Alscher; Arnold	Ladenburg			DE
Moraw; Klaus	Duisburg			DE
Collin; Gerd	Duisburg			DE
Nilles; Heinzpeter	Duisburg			DE

US-CL-CURRENT: 34/409

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 30. Document ID: US 4352696 A

L2: Entry 30 of 54

File: USPT

Oct 5, 1982

US-PAT-NO: 4352696

DOCUMENT-IDENTIFIER: US 4352696 A

\*\* See image for Certificate of Correction \*\*

TITLE: Process and composition

DATE-ISSUED: October 5, 1982

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prather; Richard A.	Houston	TX		

US-CL-CURRENT: 106/164.3; 524/35

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 31. Document ID: US 4326854 A

L2: Entry 31 of 54

File: USPT

Apr 27, 1982

US-PAT-NO: 4326854

DOCUMENT-IDENTIFIER: US 4326854 A

TITLE: Synthetic firelog

DATE-ISSUED: April 27, 1982

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tanner; John D.	Oshawa, Ontario			CA

US-CL-CURRENT: 44/577; 44/567, 44/578, 44/579, 44/589, 44/590

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWWC

☐ 32. Document ID: US 4257995 A

L2: Entry 32 of 54

File: USPT

Mar 24, 1981

US-PAT-NO: 4257995

DOCUMENT-IDENTIFIER: US 4257995 A

\*\* See image for Certificate of Correction \*\*

TITLE: Process for preparing particle board and polyisocyanate-phosphorus compound release agent composition therefor

DATE-ISSUED: March 24, 1981

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McLaughlin; Alexander	Meriden	CT		
Richter; Reinhard H.	North Haven	CT		
Reymore, Jr.; Harold E.	Richmond	VA		

US-CL-CURRENT: 264/122; 252/182.2, 252/182.21, 264/109, 264/300, 524/127, 524/35, 524/590, 528/51, 528/72, 528/75

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWWC

☐ 33. Document ID: US 4241133 A

L2: Entry 33 of 54

File: USPT

Dec 23, 1980

US-PAT-NO: 4241133

DOCUMENT-IDENTIFIER: US 4241133 A

\*\* See image for Certificate of Correction \*\*

TITLE: Structural members of composite wood material and process for making same

DATE-ISSUED: December 23, 1980

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lund; Anders E.	Houghton	MI		
Krueger; Gordon P.	Hancock	MI		
Nicholas; Darrell D.	Houghton	MI		
Adams; Roy D.	Houghton	MI		

US-CL-CURRENT: 428/326; 156/62.2, 428/425.1, 428/528, 428/529, 428/537.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 34. Document ID: US 4201702 A

L2: Entry 34 of 54

File: USPT

May 6, 1980

US-PAT-NO: 4201702

DOCUMENT-IDENTIFIER: US 4201702 A

TITLE: Process to produce allyl halides copolymers

DATE-ISSUED: May 6, 1980

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blount; David H.	San Diego	CA	92105	

US-CL-CURRENT: 524/66; 525/12, 525/29, 525/326.2, 525/326.4, 525/326.7, 525/326.9,  
525/327.1, 525/328.6, 525/328.8, 525/328.9, 525/329.2, 525/329.5, 525/329.6, 525/329.7,  
525/330.8, 525/331.4, 525/331.5, 525/342, 525/360, 526/194, 526/279, 526/291,  
526/292.7, 528/392

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 35. Document ID: US 4183997 A

L2: Entry 35 of 54

File: USPT

Jan 15, 1980

US-PAT-NO: 4183997

DOCUMENT-IDENTIFIER: US 4183997 A

\*\* See image for Certificate of Correction \*\*

TITLE: Bonding of solid lignocellulosic material

DATE-ISSUED: January 15, 1980

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stofko; John	Charles	IL		

US-CL-CURRENT: 428/326; 106/162.5, 106/162.51, 106/214.2, 106/215.5, 106/217.1,  
106/217.6, 106/217.7, 106/217.9, 156/336, 156/62.2, 264/109, 264/128, 427/399,



427/415, 428/403, 428/420, 428/533, 428/535, 428/537.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 36. Document ID: US 4046955 A

L2: Entry 36 of 54

File: USPT

Sep 6, 1977

US-PAT-NO: 4046955

DOCUMENT-IDENTIFIER: US 4046955 A

TITLE: Proteinaceous adhesive composition

DATE-ISSUED: September 6, 1977

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bye, Carolyn N.	Cinnaminson	NJ		

US-CL-CURRENT: 428/478.4; 106/124.5, 106/150.1, 106/150.3, 428/537.1, 428/920

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 37. Document ID: US 4015995 A

L2: Entry 37 of 54

File: USPT

Apr 5, 1977

US-PAT-NO: 4015995

DOCUMENT-IDENTIFIER: US 4015995 A

TITLE: Method for delaying the setting of an acid-settable liquid in a terrestrial zone

DATE-ISSUED: April 5, 1977

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hess, Patrick H.	Diamond Bar	CA		

US-CL-CURRENT: 106/287.28; 106/287.3, 106/287.32, 106/900, 166/295

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 38. Document ID: US 3943084 A

L2: Entry 38 of 54

File: USPT

Mar 9, 1976

US-PAT-NO: 3943084

DOCUMENT-IDENTIFIER: US 3943084 A

TITLE: Method for delaying the setting of and acid-settable liquid in a terrestrial zone,

DATE-ISSUED: March 9, 1976

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hess; Patrick H.	Diamond Bar	CA		

US-CL-CURRENT: 523/130; 166/295, 524/803, 526/270, 528/230, 528/232

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 39. Document ID: US 3927157 A

L2: Entry 39 of 54

File: USPT

Dec 16, 1975

US-PAT-NO: 3927157

DOCUMENT-IDENTIFIER: US 3927157 A

\*\* See image for Certificate of Correction \*\*

TITLE: High temperature resistant products and methods for making the same

DATE-ISSUED: December 16, 1975

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vasterling; Paul F.	Westminster	CA		

US-CL-CURRENT: 423/447.4; 264/29.1, 264/344, 264/49, 264/DIG.19, 423/447.9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 40. Document ID: US 3926947 A

L2: Entry 40 of 54

File: USPT

Dec 16, 1975

US-PAT-NO: 3926947

DOCUMENT-IDENTIFIER: US 3926947 A

TITLE: Controlled pyrolysis of cellulosic materials for production of chemicals

DATE-ISSUED: December 16, 1975

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lipska; Anne E.	Palo Alto	CA		

US-CL-CURRENT: 536/1.11; 536/124, 549/397, 549/489, 549/490, 562/515

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 41. Document ID: US 3919104 A

L2: Entry 41 of 54

File: USPT

Nov 11, 1975

US-PAT-NO: 3919104

DOCUMENT-IDENTIFIER: US 3919104 A

TITLE: Catalyst for the setting of an acid-settable liquid in a terrestrial zone

DATE-ISSUED: November 11, 1975

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hess; Patrick H.	Diamond Bar	CA		

US-CL-CURRENT: 502/167; 166/295, 166/300, 502/108

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	EMC
Draw Desc	Image									

☐ 42. Document ID: US 3852232 A

L2: Entry 42 of 54

File: USPT

Dec 3, 1974

US-PAT-NO: 3852232

DOCUMENT-IDENTIFIER: US 3852232 A

TITLE: RESIN COMPOSITION AND PROCESS FOR BOND SOLID PARTICLES

DATE-ISSUED: December 3, 1974

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman; Richard C.	Andborn	NY		
Lang; Edward J.	Grand Island	NY		
Grazen; Frank S.	North Tonawanda	NY		

US-CL-CURRENT: 523/145; 524/14, 524/16, 525/498, 525/516

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	EMC
Draw Desc	Image									

☐ 43. Document ID: US 3850249 A

L2: Entry 43 of 54

File: USPT

Nov 26, 1974

US-PAT-NO: 3850249

DOCUMENT-IDENTIFIER: US 3850249 A

TITLE: METHOD FOR DELAYING THE SETTING OF AN ACID-SETTABLE LIQUID IN A TERRESTRIAL ZONE

DATE-ISSUED: November 26, 1974

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hess; Patrick H.	Diamond Bar	CA		

US-CL-CURRENT: 166/295; 166/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 44. Document ID: JP 03136804 A

L2: Entry 44 of 54

File: JPAB

Jun 11, 1991

PUB-NO: JP403136804A  
DOCUMENT-IDENTIFIER: JP 03136804 A  
TITLE: METHOD OF DENSIFYING POROUS MATERIAL

PUBN-DATE: June 11, 1991

## INVENTOR-INFORMATION:

NAME

COUNTRY

FRANICH, ROBERT ARTHUR  
ARMSTRONG, AMANDA SUSAN

US-CL-CURRENT: 427/297

INT-CL (IPC): B27K 3/34; B27K 3/16; B27K 3/34; B27K 5/02; B27K 5/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 45. Document ID: WO 2060660 A1

L2: Entry 45 of 54

File: EPAB

Aug 8, 2002

PUB-NO: WO002060660A1  
DOCUMENT-IDENTIFIER: WO 2060660 A1  
TITLE: FURAN POLYMER IMPREGNATED WOOD

PUBN-DATE: August 8, 2002

## INVENTOR-INFORMATION:

NAME

COUNTRY

SCHNEIDER, MARC H

CA

INT-CL (IPC): B27 K 3/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 46. Document ID: US 20020173564 A1 WO 200268507 A1

L2: Entry 46 of 54

File: DWPI

Nov 21, 2002

DERWENT-ACC-NO: 2002-675011

DERWENT-WEEK: 200279

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TITLE: Two-part composition for bonding wooden substrates, includes catalyst component and reactive component of furfuryl alcohol monomer and by-product from chemical pulping process

INVENTOR: PHILLIPS, J G; SCHNEIDER, M H

PRIORITY-DATA: 2001US-271540P (February 27, 2001), 2002US-0083490 (February 27, 2002)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20020173564 A1	November 21, 2002		000	C08K005/13
WO 200268507 A1	September 6, 2002	E	020	C08H005/02

INT-CL (IPC): C08 H 5/02; C08 K 5/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMAC

☐ 47. Document ID: US 20020192400 A1 WO 200260660 A1 NO 200100558 A NO 313273 B1

L2: Entry 47 of 54

File: DWPI

Dec 19, 2002

DERWENT-ACC-NO: 2002-590852

DERWENT-WEEK: 200303

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TITLE: Furan polymer impregnated wood, has wood impregnated with polymerizable furfural alcohol monomer solution containing at least water, stabilizers, furfuryl alcohol, and one further compound such as maleic anhydride

INVENTOR: SCHNEIDER, M; SCHNEIDER, M H

PRIORITY-DATA: 2001NO-0000558 (February 1, 2001)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20020192400 A1	December 19, 2002		000	A01N001/00
WO 200260660 A1	August 8, 2002	E	011	B27K003/50
NO 200100558 A	August 2, 2002		000	B27K005/02
NO 313273 B1	September 9, 2002		000	B27K005/02

INT-CL (IPC): A01 N 1/00; B27 K 3/50; B27 K 5/02; B29 C 71/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMAC

☐ 48. Document ID: WO 200243933 A1 AU 200220351 A

L2: Entry 48 of 54

File: DWPI

Jun 6, 2002

DERWENT-ACC-NO: 2002-547675

DERWENT-WEEK: 200270

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TITLE: Treatment of wood involves impregnating the wood with furfuryl alcohol solution, and hot pressing the wood to effect polymerization of furfuryl alcohol solution within wood

INVENTOR: BUTT, D; DRVODELIC, N ; HERMESCEC, B ; PRZEWLOKA, S ; SHEARER, B ; SHEARER, R ; SKEWES, B

PRIORITY-DATA: 2000AU-0001831 (December 1, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200243933 A1	June 6, 2002	E	029	B27K003/34
AU 200220351 A	June 11, 2002		000	B27K003/34

INT-CL (IPC): B27 K 3/34; B27 N 3/04; C08 L 97/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWD

☐ 49. Document ID: NO 313183 B1 WO 200230638 A2 NO 200005137 A AU 200222818 A

L2: Entry 49 of 54

File: DWPI

Aug 26, 2002

DERWENT-ACC-NO: 2002-479615

DERWENT-WEEK: 200263

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TITLE: Furan polymer impregnated wood useful as, e.g. knife handles, comprises wood impregnated with polymerizable furfural alcohol monomer solution

INVENTOR: SCHNEIDER, M; SCHNEIDER, M H

PRIORITY-DATA: 2000NO-0005137 (October 12, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
NO 313183 B1	August 26, 2002		000	B27K005/02
WO 200230638 A2	April 18, 2002	E	008	B27K000/00
NO 200005137 A	April 15, 2002		000	B27K005/02
AU 200222818 A	April 22, 2002		000	B27K000/00

INT-CL (IPC): B27 K 0/00; B27 K 5/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWD

☐ 50. Document ID: US 6228199 B1

L2: Entry 50 of 54

File: DWPI

May 8, 2001

DERWENT-ACC-NO: 2001-353665

DERWENT-WEEK: 200138

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TITLE: Formation of synthetic wood material, includes contacting continuous glass fibers oriented in longitudinal axis with resorcinol modified phenolic resin binder, and passing fibers and binder through steel pultrusion die

INVENTOR: BALABA, W M; BRYAN, T J

PRIORITY-DATA: 1998US-0132092 (August 10, 1998)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6228199 B1	May 8, 2001		005	B32B031/00

INT-CL (IPC): B32 B 31/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Term	Documents
FURFURYL	9897
FURFURYLS	12
ALCOHOL	598240
ALCOHOLS	251254
TREAT\$5	0
TREAT	570655
TREATA	1
TREATABIL	1
TREATABLE	8055
TREATABLE*	3
((TREAT\$5 OR IMPREGNAT\$5 OR SPRAY\$5) NEAR WOOD\$5 AND FURFURYL ALCOHOL).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	54

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result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L19</u>	(furfuryl alcohol or furan or furfural) and (impregnat\$ near wood) and (method or process) and (borax or sodium tetraborate)	3	<u>L19</u>
<u>L18</u>	(furfuryl alcohol or furan or furfural) and (impregnat\$ near wood) and (method or process) and (borx or sodium tetraborate)	1	<u>L18</u>
<u>L17</u>	(furfuryl alcohol or furan or furfural) and (impregnat\$ near wood) and (method or process) [ti]	24	<u>L17</u>
<u>L16</u>	(furfuryl alcohol or furan or furfural) and (impregnat\$ near wood) and (method or process)	47	<u>L16</u>
<u>L15</u>	(furfuryl alcohol or furan or furfural) and (impregnat\$ near wood) (method or process)	0	<u>L15</u>
<u>L14</u>	(furfuryl alcohol or furan or furfural) and L12	0	<u>L14</u>
<u>L13</u>	furfuryl alcohol and L12	0	<u>L13</u>
<u>L12</u>	(method or process) near l1 l	42	<u>L12</u>
<u>L11</u>	impregnat\$ near wood [ti]	815	<u>L11</u>
<u>L10</u>	furfuryl alcohol and borax and (maleic anhydride or phthalic anhydride or maleic acid or malic acid or phthalic acid) and wood	3	<u>L10</u>
<u>L9</u>	furfuryl alcohol and borax and (maleic anhydride or phthalic anhydride or maleic acid or malic acid or phthalic acid)	9	<u>L9</u>
<u>L8</u>	furfuryl alcohol and borax	43	<u>L8</u>
<u>L7</u>	(impregnat\$ near wood) and furfuryl alcohol and borax	1	<u>L7</u>
<u>L6</u>	(impregnat\$ near wood) and furfuryl alcohol	26	<u>L6</u>
<u>L5</u>	impregnat\$ near wood	2886	<u>L5</u>
<u>L4</u>	Schneider,Marc [in]	0	<u>L4</u>
<u>L3</u>	Schneider,Marc \$ [in]	0	<u>L3</u>
<u>L2</u>	Schneider,Marc\$ [in]	0	<u>L2</u>
<u>L1</u>	Schneider,Marc H. [in]	0	<u>L1</u>

END OF SEARCH HISTORY



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L19: Entry 1 of 3

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020192400  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020192400 A1

TITLE: Furan polymer impregnated wood

PUBLICATION-DATE: December 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schneider, Marc H.	Fredericton		CA	

US-CL-CURRENT: 428/15; 264/236

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
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☐ 2. Document ID: US 5874025 A

L19: Entry 2 of 3

File: USPT

Feb 23, 1999

US-PAT-NO: 5874025  
DOCUMENT-IDENTIFIER: US 5874025 A

TITLE: Timber preservative containing a copper compound

DATE-ISSUED: February 23, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Heuer; Lutz	Dormagen			DE
Joentgen; Winfried	Koln			DE
Groth; Torsten	Odenthal			DE

US-CL-CURRENT: 252/383; 106/15.05, 106/18.31, 106/18.32, 252/380

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
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☐ 3. Document ID: US 4264760 A

L19: Entry 3 of 3

File: USPT

Apr 28, 1981

US-PAT-NO: 4264760

DOCUMENT-IDENTIFIER: US 4264760 A

TITLE: Method of abating aldehyde odor in resins and products produced therefrom

DATE-ISSUED: April 28, 1981

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meyer; Carl B.	Seattle	WA	98195	

US-CL-CURRENT: 528/230, 525/505, 528/265, 528/487

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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Term	Documents
FURFURYL	9897
FURFURYLS	12
ALCOHOL	598240
ALCOHOLS	251254
FURAN	28782
FURANS	3056
FURFURAL	8832
FURFURALS	107
WOOD	321775
WOODS	32783
METHOD	5893059
((FURFURYL ALCOHOL OR FURAN OR FURFURAL) AND (IMPREGNAT\$ NEAR WOOD) AND (METHOD OR PROCESS) AND (BORAX OR SODIUM TETRABORATE)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	3

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